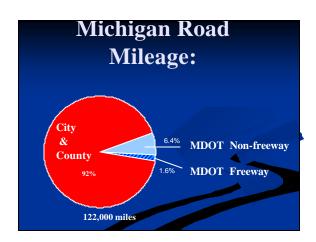


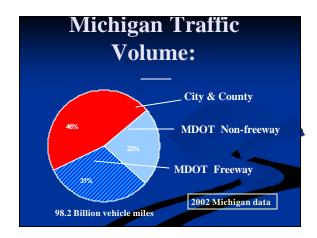
## The Case for Traffic Safety . . . Michigan has . . . 122,000 miles of highway 98.2 Billion vehicle miles traveled in 2002 400,000+ crashes yearly 112,000+ crash injuries yearly 1200 – 1400 fatalities yearly

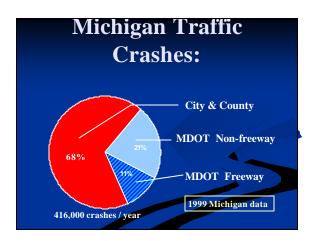
### Unacceptable Cost in terms of . . . Loss of Life – 1,328 Michigan, 2001 (42,000 Nationwide) Economic Impact - \$9.4 Billion loss to Michigan (\$230 Billion Nationwide) Every tragic event involves someone's family member!

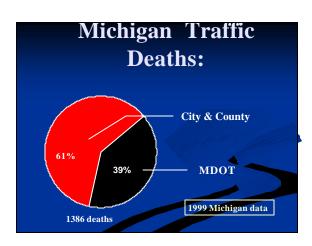












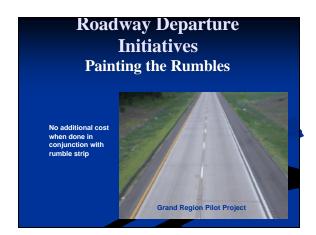
### Integrated Approach to Highway Safety Governor's Traffic Safety Advisory Commission May 2002 (GTSAC) State & Local Governmental Agencies Safety and Insurance Industry Safety Advocacy Groups "TOGETHER WE CAN SUCCEED"

### 4 Es of Highway Safety Engineering Enforcement Emergency Medical Services Education

### Highway Focus Areas Intersection Safety (29.5% fatal crashes) Roadway Departure (48.3% fatal crashes) Traffic Signal Timing and Modernization (15 year cycle) Geometrics/Hazard Elimination Young/Elder Driver Groups Highway Work Zones Seatbelt Use Crash Data Improvement

# Intersection Safety Action Plan Currently Under Development by GTSAC Prioritize Causes Identify Crash Countermeasures Task Force Implementation











### Geometrics/Hazard Elimination

- Safety Reviews (Road and Bridge Projects)
  - Safety analysis done to determine features requiring enhancements in response to crashes
  - Conformance to current design standards
  - 10 30% of cost in a project are safety related

### **Elder Drivers**

- In 2001, 16% of drivers were 65 or over
- By 2020, 25% will be 65 or over
- Involvement in crashes has increased in last 10 years:
  - 18% of all crashes (44,393 in 2001)
  - **28**% of fatal crashes (237 in 2001)
- 2004 Elderly Mobility National Conference -Detroit

### **Elder Drivers**

### **Initiatives being evaluated:**

- Brighter Sign Legends Overhead Guide Signs
- Enlarged Fonts on Guide Signs
- Brighter Warning Signs
- Increase edge line and gore pavement markings.
  - Edge Lines 4" to 6"
  - Gore Markings 8" to 12"
  - Est Cost \$2.5 M/year

-	

## Highway Work Zones Nationwide, 80% of fatalities in work zones are drivers and their passengers In 2002, 17 people were killed in Michigan Work Zones In addition, 6,620 crashes and 1,726 injuries





